JAN 2 0 2004 W

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent And Trademark Office: U.S. DEPARTMENT OF COM

Substitute to 449A/PTO

jam

Examiner

Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 7

Complete if Known					
Application / Conf. No.	10/086,129 / 2232				
Filing Date	February 28, 2002				
First Named Inventor	David P. Schultz				
Art Unit	2133				
Examiner Name	Unknown				
Attorney Docket Number	X-1069 US				

			U.S. PATENT	DOCUMENTS	
Examiner	Cite ∠No.¹	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	,	US- 4,758,985	07-19-88	Carter	Figures Appear
		US- 5,142,625	08-25-92	Nakai	DECENTED
		US- 4,855,669	08-08-89	Mahoney	RECEIVED
		US- RE 34,363	08-31-93	Freeman	
		US- 5,072,418	12-10-91	Boutaud et al.	JAN 2 2 2004
		US- 5,274,570	12-28-93	Izumi et al.	
	***************************************	US- 5,550,782	08-27-96	Cliff et al.	Technology Center 2100
		US- 5,347,181	09-13-94	Ashby et al.	
		US- 5,339,262	08-16-94	Rostoker et al.	
	***************************************	US- 5,311,114	05-10-94	Sambamurthy et al.	
	***************************************	US- 5,504,738	04-02-96	Sambamurthy et al.	
	***************************************	US- 5,552,722	09-03-96	Kean	
		US- 6,467,009	10-15-02	Winegarden et al.	
<u> </u>		US- 5,914,616	06-22-99	Young et al.	
		US- 5,457,410	10-10-95	Ting	i
***************************************	***************************************	US- 5,740,404	04-14-98	Baji	
		US- 5,581,745	12-03-96	Muraoka	:
	***************************************	US- 5,742,179	04-21-98	Sasaki	
		US- 5,600,845	02-04-97	Gilson	
		US- 5,574,930	11-12-96	Halverson Jr., et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Cito	Cito	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T 6
Initials *	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Appacant of Cited Document	or Relevant Figures Appear	١		
		EP 0315275 A2	10-05-89	LSI Logic				
		WO 93 25968 A1	12-23-93	Furtek				
M	ļ	EP 0 905 906 A2	03-31-99	Lucent				
W		EP 1 235 351 A1	08-28-02	Matsushita Electric	:			
l l								
					<u> </u>			
					1, 1	╙		
						_		

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of his form with next communication to applicant.

¹ Applicant's unique cilation designation number (optional).² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁵ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

Date Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

\$5

Sheet

Examiner

Signature

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

(use as many sheets as necessary)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.	
form 1449A/PTO Complete if Known	
Application / Conf. No. 10/086,129 / 2232	
MATION DISCLOSURE Filing Date February 28, 2002 ECTV	= [
MENT BY APPLICANT First Named Inventor David P. Schultz	
Art Unit 2133 JAN 2. 2. 20	n/i
s many sheets as necessary) Examiner Name Unknown JAN 2, 2, 20	04

X-1069 US

Technology Center 2100 OTHER -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Cite Examiner No Initials SAYFE KIAEI et al., "VLSI DESIGN OF DYNAMICALLY RECONFIGURABLE ARRAY PROCESSOR-DRAP," IEEE, February 1989, pp. 2484-2488, V3.6, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 VASON P. SRINI, "FIELD PROGRAMMABLE GATE ARRAY (FPGA) IMPLEMENTATION OF DIGITAL SYSTEMS: AN ALTERNATIVE TO ASIC," IEEE, May 1991, pp. 309-314, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 G. MAKI et al., "A RECONFIGURABLE DATA PATH PROCESSOR," IEEE, August 1991, pp. 18-4.1 to 18-4.4, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 <u>JACOB DAVIDSON</u>, "FPGA IMPLEMENTATION OF RECONFIGURABLE MICROPROCESSOR," IEEE, March 1993, pp. 3.2.1 - 3.2.4, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 CHRISTIAN ISELI et al., "BEYOND SUPERSCALER USING FPGA's," IEEE, April 1993, pp. 486-490, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 P.C. FRENCH et al., "A SELF-RECONFIGURING PROCESSOR,"; IEEE, July 1993, pp. 50-59, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 Christian Iseli et al., "SPYDER: A RECONFIGURABLE VLIW PROCESSOR USING FPGA's," IEEE, July 1993, pp. 17-24, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 MICHAEL I. WIRTHLIN et al., "THE NANO PROCESSOR: A LOW RESOURCE RECONFIGURABLE PROCESSOR," IEEE, February 1994, pp. 23-30, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 WILLIAM S. CARTER, "THE FUTURE OF PROGRAMMABLE LOGIC and ITS IMPACT ON DIGITAL SYSTEM DESIGN," April 1994, IEEE, pp. 10-16, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 ANDRE' DEHON, "DPGA-COUPLED MICROPROCESSORS: COMMODITY ICs FOR THE EARLY 21ST CENTURY, "IEEE, February 1994, pp. 31 - 39, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 OSAMA T. ALBAHARNA, "AREA & TIME LIMITATIONS OF FPGA-BASED VIRTUAL HARDWARE," IEEE, April 1994, pp. 184 - 189, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997

Attorney Docket Number

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through and not considered. Include copy of this formation next communication to applicant. citation if not in conformance

Date Considered

1 Applicant's unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

jam JAH 2 0 2004 Under the Serwork Reduc

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office: 0.5. DEPARTMENT OF COMMERCE
Under the Sperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute # 449A/PTO

Examiner Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 7

Complete if Known					
Application / Conf. No.	10/086,129 / 2232				
Filing Date	February 28, 2002				
First Named Inventor	David P. Schultz				
Art Unit	2133				
Examiner Name	Unknown				
Attorney Docket Number	X-1069 US				

	U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.'	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
111	r	US- 5,473,267	12-05-95	Stansfield		
177		US- 5,742,180	04-21-98	DeHon et al.		
		US- 5,737,631	04-07-98	Trimberger	DECENTED	
	·	US- 5,748,979	05-05-98	Trimberger	RECEIVED	
		US- 6,578,174	06-10-03	Zizzo	0004	
		US- 6,026,481	02-15-00	New et al.	JAN 2 2 2004	
		US- 5,705,938	01-06-98	Kean		
		US- 5,500,943	03-19-96	Ho et al.	Technology Center 2100	
	***************************************	US- 6,483,342	11-19-02	Britton et al.		
	·	US- 5,809,517	09-15-98	Shimura		
		US- 5,543,640	08-06-96	Sutherland et al.		
		US- 5,574,942	11-12-96	Colwell et al.		
	***************************************	US- 6,604,228	08-05-03	Patel et al.		
	***************************************	US- 5,933,023	08-03-99	Young		
	**************************************	US- 10/043,769	01-09-02	Schulz		
	***************************************	US- 6,389,558	05-14-02	Herrmann et al.		
<u> </u>		US- 5,732,250	03-24-98	Bates et al.		
		US- 5,889,788	03-30-99	Pressly et al.	=	
<u> </u>	Antonio non constantacione	US- 5,874,834	02-23-99	New	1	
	***************************************	US- 5,835,405	11-10-98	Tsui et al.		

V	FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	Т 6	
Initials *	No.¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear		
						-	
						-	
	·				· · · · · · · · · · · · · · · · · · ·	-	
***************************************						+-	
		1				—	
L	<u> </u>					_	

*EXAMINER: Initial if reference considered, where of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with ext communication to applicant.

Date Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

Applicant's unique citation designation number (ordional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Sheet

Examiner

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

(use as many sheets as necessary)

Con	nplete if Known	
Application / Conf. No.	10/086,129 / 2232	
Filing Date	February 28, 2002	
First Named Inventor	David P. Schultz	
Art Unit	2133	ب
Examiner Name	Unknown IAN 2.2.2014	
Attorney Docket Number	X-1069 US	

Technology Center 2100 **OTHER -- NON PATENT LITERATURE DOCUMENTS** Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Cite Examine No.5 Initials XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124. XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-109 to 2-117, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124. XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-9 to 2-18; 2-187 to 2-199, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124. XILINX, INC., "THE PROGRAMMABLE LOGIC I Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124. , "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-107 to 2-108, CHRISTIAN ISELI et al., "AC++ COMPILER FOR FPGA CUSTOM EXECUTION UNITS SYNTHESIS," 1995, pp. 173-179, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 INTERNATIONAL BUSINESS MACHINES, "POWERPC 405 EMBEDDED PROCESSOR CORE USER MANUAL," 1996, 5TH Ed., pp. 1-1 TO X-16, International Business Machines, 1580 Rout 52, Bldg. 504, Hopewell Junction, NY 12533-6531. YAMIN LI et al., "AIZUP-A PIPELINED PROCESSOR DESIGN & IMPLEMENTATION ON XILINX FPGA CHIP," IEEE, September 1996, pp 98-106, 98-106, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 RALPH D. WITTIG et al., "ONECHIP: AN FPGA PROCESSOR WITH RECONFIGURABLE LOGIC, April 17, 1996, pp 126-135, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," January 27, 1999, Ch. 3, pp 3-1 TO 3-50, Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124 WILLIAM B. ANDREW et al., "A FIELD PROGRAMMABLE SYSTEM CHIP WHICH COMBINES FPGA & ASIC CIRCUITRY," IEEE, May 16, 1999, pp. 183-186, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997 XILINX, INC., "THE PROCRAMMABLE LOGIC DATA BOOK," 2000, Ch. 3 pp 3-1 TO 3-117, Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124

Considered Signature *EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include/copy of this form with next communication to applicant.

Date

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{&#}x27;Applicant's unique citation be signation number. 2 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Examiner

Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 7

Complete if Known					
Application / Conf. No.	10/086,129 / 2232				
Filing Date	February 28, 2002				
First Named Inventor	David P. Schultz				
Art Unit	2133				
Examiner Name	Unknown				
Attorney Docket Number	X-1069 US				

	U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
11/1/	/	US- 6,011,407	01-04-00	New	Figures Appear	
197	I	US- 6,172,990	01-09-01	Deb et al.		
		US- 10/001,871	11-19-01	Douglass et al.		
		US- 5,760,607	06-02-98	Leeds et al.	RECEIVED	
		US- 5,892,961	04-06-99	Trimberger		
i/		US- 09/991,412	11-16-01	Herron et al.	IAN 2 2 2004	
i — / —	-	US- 09/991,410	11-16-01	Herron et al.	· · · · · · · · · · · · · · · · · · ·	
		US- 09/968,446	09-28-01	Douglass et al.	Technology Center 2100	
		US- 6,178,541	01-23-01	Joly et al.		
	<u> </u>	US- 2003/0062922	04-03-03	Douglass et al.		
		US- 2001/0049813	12-06-01	Chan et al.		
	·	US- 5,914,902	06-22-99	Lawrence et al.		
		US- 6,510,548	01-21-03	Squires		
i	***************************************	US- 6,154,051	11-28-00	Nguyen et al.		
	***************************************	US- 6,181,163	01-30-01	Agrawal et al.		
		US- 6,356,987	03-12-02	Aulas		
i \		US- 6,301,696	10-09-01	Lien et al.		
	······································	US- 6,211,697	04-03-01	Lien et al.		
i		US- 6,163,166	12-19-00	Bielby et al.		
	7	US- 6,272,451	08-07-01	Mason et al.		

		UMENTS	IGN PATENT DOC	FORE		7
es,	Pages, Columns, Lines, Where Relevant Passages	Name of Patentee or Applicant of Cited Document	Publication Date	Foreign Patent Document	Cite	Examiner
.goo	or Relevant Figures Appear	Applicant of Cited Document	MM-DD-YYYY	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	No.¹	Initials *
·····						
1						
	1					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with rext communication to applicant.

'Applicant's unique citation designation number (ortional). See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Date Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

2232

10/086,129

February 28, 2002

der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it co Complete if Known

Filing Date

Application / Conf. No.

Substitute for form 1449A/PTO

Examiner

Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

NT	First Named Inventor	David P. Schultz
	Art Unit	2133
	Examiner Name	Unknown

Attorney Docket Number X-1069 US Sheet of OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Cite Examiner Initials * XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 2000, Ch 3, pp 3-7 TO 3-17; 3-76 TO 3-87, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124. INTERNATIONAL BUSINESS MACHINES, "PROCESSOR LOCAL BUS" Architecture Specifications, 32-Bit Implementation, April 2000, First Edition, V2.9, pp. 1-76, IBM Corporation, Department H83A, P.O. Box 12195, Research Triangle Park, NC 27709 XILINX, INC., "VIRTEX II PLATFORM FPGA HANDBOOK, December 6, 2000, v1.1, pp 33-75, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124. RECEIVED JAN 2 2 2004 Technology Center 2100

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

'Applicant's unique citation designation number. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0551-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to response

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Complete if Known				
Application / Conf. No.	10/086,129 / 2232			
Filing Date	February 28, 2002			
First Named Inventor	David P. Schultz			
Art Unit	2133			
Examiner Name	Unknown			
Attorney Docket Number	X-1069 US			

U.S. PATENT DOCUMENTS						
Ekaminer Initals	Cite		int Number ind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	/	US-	6,519,753	02-11-03	Ang	Pigures Appear
i		US-	6,434,735	08-13-02	Watkins	
i- 1	***************************************	US-	6,588,006	07-01-03	Watkins	
		US-	6,539,508	03-25-03	Patrie et al.	
		US-	6,587,995	07-01-03	Duboc et al.	
	***************************************	US-	6,242,945	06-05-01	New	
	***************************************	US-	6,460,172	10-01-02	Insenser Farre et al.	,
	***************************************	US-	6,353,331	03-05-02	Shimanek	
	***************************************	US-	6,507,942	01-14-03	Calderone et al.	
	***********	US-	6,518,787	02-11-03	Allegrucci et al.	OEN/ED
	***************************************	US-	6,611,951	08-26-03	Tetelbaum et al.	RECEIVED
		US-	6,522,167	02-18-03	Ansari et al.	2 2004
	***************************************	US-	6,532,572	03-11-03	Tetelbaum	JAN 2 2 2004
	nomodomorralinosodaliónida	US-	6,541,991	04-01-03	Horncheck et al.	,
	***************************************	US- 0	9/858,732	05-15-01	Schulz	Technology Center 2100
	***************************************	US- 0	9/861,112	05-18-01	Dao et al.	
M	************	US-	6,601,227	07-29-03	Trimberger	:
	***************************************	US- 0	9/917,304	07-27-01	Douglass et al.	,
1700	-	US-				
	************	US-				

		FORE	IGN PATENT DOC	UMENTS		
Examiner Initials *	Cite No.¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			

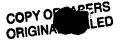
					à	-
: 	ļ					+
						-
					1, 1	
L					7 7 1	=

Date Examiner Considered Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include popylof this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.



jka

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE uired to respond to a collection of information unless it contains a valid OMB control number. at 17892 ng p**2002** are Under the Paperwork Reduc Substitute for form 1449A/PTO

INFORMATION DISCLOSUBER STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

€ Con	nplete if Known
Application / Conf. No.	10/086,129 / 2232
Filing Date	February 28, 2002
First Named Inventor	David P. Schultz
Art Unit	2133
Examiner Name	Unknown
Attorney Docket Number	Y 1060 US

			U.S. PATEN	T DOCUMENTS	
Examiner Initials;	Cite No.'	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NA		US- 5,361,373	11-01-94	Gilson	
7.		US- 5,537,601	07-16-96	Kimura et al.	
		US- 5,652,904	07-29-97	Trimberger	
		US- 5,671,355	09-23-97	Collins	
_		US- 5,752,035	05-12-98	Trimberger	- Value
		US- 5,970,254	10-19-99	Cooke et al.	
		US- 6,020,755	02-01-00	Andrews et al.	
		US- 6,096,091	08-01-00	Hartmann	
		US- 6,279,045 B1	08-21-01	Muthujumaraswathy et al.	
1		US- 6,282,627 B1	08-28-01	Wong et al.	
11/	*************	US- 6,343,207 B1	01-29-02	Hessel et al.	
W		US-			
	· · · · · · · · · · · · · · · · · · ·	US-			RECEN
		US-			- TEOEIV
		US-		-	MAYAA
		US-			"'AT U 2 20
··		US-			Technol
		US-			Technology Cente
	·	US-			
		US-			

		FOREI	GN PATENT DOC	UMENTS		
Examiner Cite Initials * No.	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ,
	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)		Applicant of Green Document		
						╁

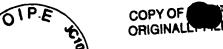
						_
			`			
						- -
				-	+, ,	+

Examiner Date Signature Considered

*EXAMINER: Initial if reference considered, mether or not citation is in conformance with MPEP 609. Draw line through citation if notin conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Interest of the citation of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



APR 2 9 2002

#2

PTO/SB/08A (10-01)

PTC/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE collection of information unless it contains a valid OMB control number.

Complete if Known Inder the Paperwork Reduction TRADE Substitute for form 1449A/PTO 2232 Application / Conf. No. 10/086,129 **INFORMATION DISCLOSURE** Filing Date February 28, 2002 David P. Schultz **First Named Inventor** STATEMENT BY APPLICANT Art Unit 2133 (use as many sheets as necessary) **Examiner Name** Unknown **Attorney Docket Number** X-1069 US Sheet 2 of

	OTHER NON PATENT LITERATURE DOCUMENTS							
Examiner Vnitials *	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2					
	/	Cary D. Snyder and Max Baron; "Xilinx's A-to-Z System Platform"; Cahners Microprocessor; The Insider's Guide to Microprocessor Hardware; Microdesign Resources; February 6, 2001; pp. 1-5.						
		Section 2015	Ш					
Examir Signati		Date Considered 6/8/200	7 7					

*EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformal and not considered. Include copy of its form with next communication to applicant.

'Applicant's unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Off Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.